Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1623kxg

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27	Oct 21	EVENTLINE has been reloaded
NEWS 28	Oct 24	BEILSTEIN adds new search fields
NEWS 29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 31	Nov 18	DKILIT has been renamed APOLLIT
NEWS 32	Nov 25	More calculated properties added to REGISTRY
NEWS 33	Dec 02	TIBKAT will be removed from STN
NEWS 34	Dec 04	CSA files on STN
NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36	Dec 17	TOXCENTER enhanced with additional content
NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS 41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS 42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 43	Feb 13	CANCERLIT is no longer being updated
NEWS 44	Feb 24	METADEX enhancements
NEWS 45	Feb 24	PCTGEN now available on STN

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NEWS 46   Feb 24   TEMA now available on STN
NEWS 47   Feb 26   NTIS now allows simultaneous left and right truncation
NEWS 48   Feb 26   PCTFULL now contains images
NEWS 49   Mar 04   SDI PACKAGE for monthly delivery of multifile SDI results

NEWS EXPRESS  January 6 CURRENT WINDOWS VERSION IS V6.01a,
              CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
              AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS    STN Operating Hours Plus Help Desk Availability
NEWS INTER    General Internet Information
NEWS LOGIN    Welcome Banner and News Items
NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *



FILE 'HOME' ENTERED AT 15:02:14 ON 17 MAR 2003

=> le reg
LE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 15:02:24 ON 17 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   16 MAR 2003  HIGHEST RN 499182-00-2
DICTIONARY FILE UPDATES:  16 MAR 2003  HIGHEST RN 499182-00-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

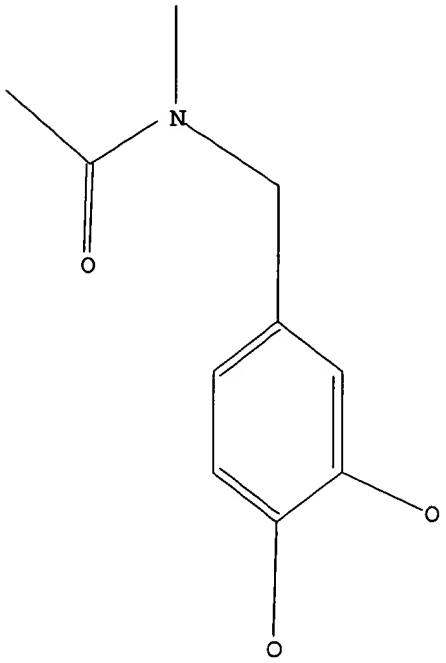
Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf
```

```
=>
Uploading 09787764-1.str

L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
```




```
Structure attributes must be viewed using STN Express query preparation.


=> s l1 exact sam
SAMPLE SEARCH INITIATED 15:04:04 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       0 TO ITERATE

100.0% PROCESSED       0 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:             0 TO         0
PROJECTED ANSWERS:                0 TO         0

L2            0 SEA EXA SAM L1

=> s l1 sss sam
SAMPLE SEARCH INITIATED 15:04:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     373 TO ITERATE

100.0% PROCESSED     373 ITERATIONS                               4 ANSWERS
SEARCH TIME: 00.00.01

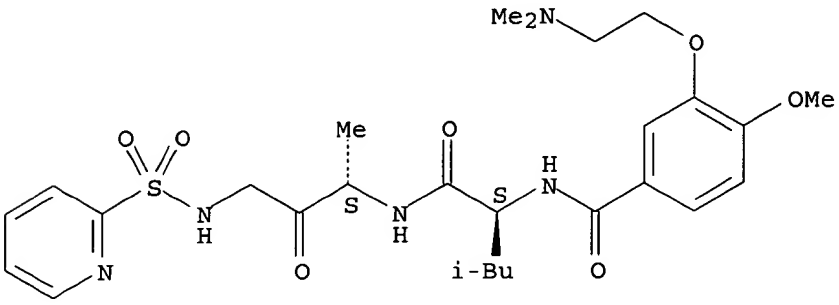
FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:          6302 TO     8618
PROJECTED ANSWERS:                4 TO      200
```

L3 4 SEA SSS SAM L1

=> d scan

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzamide, 3-[2-(dimethylamino)ethoxy]-4-methoxy-N-[(1S)-3-methyl-1-[[[(1S)-1-methyl-2-oxo-3-[(2-pyridinylsulfonyl)amino]propyl]amino]carbonyl]butyl]- (9CI)
MF C27 H39 N5 O7 S

Absolute stereochemistry.

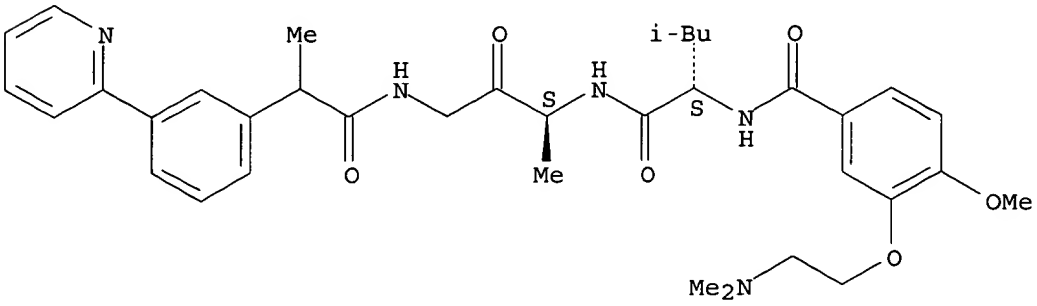


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzeneacetamide, N-[(3S)-3-[[(2S)-2-[[3-[2-(dimethylamino)ethoxy]-4-methoxybenzoyl]amino]-4-methyl-1-oxopentyl]amino]-2-oxobutyl]-.alpha.-methyl-3-(2-pyridinyl)- (9CI)
MF C36 H47 N5 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

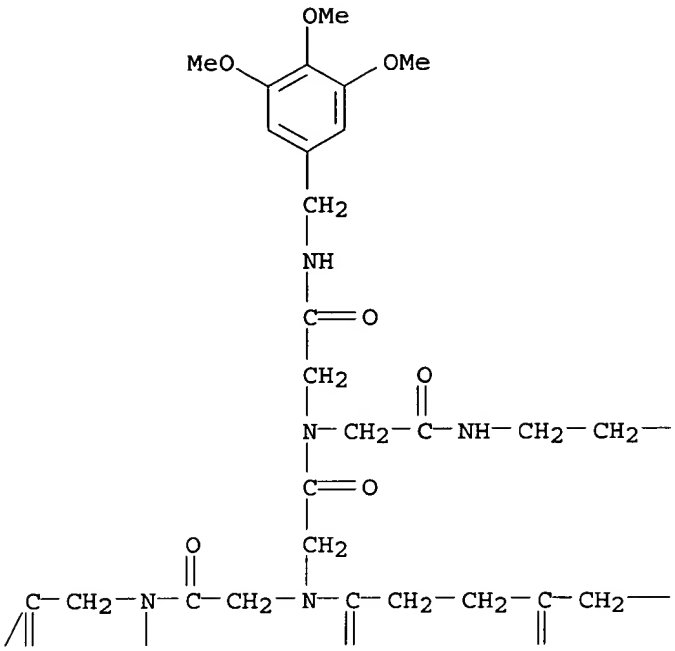
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Glycinamide, 1,1'-(1,4,7-trioxo-1,7-heptanediyl)bis[N-[2-[[2-[[2-(4-methoxyphenyl)ethyl]amino]-2-oxoethyl][2-oxo-2-[[(3,4,5-trimethoxyphenyl)methyl]amino]ethyl]amino]-2-oxoethyl]glycyl-N2-[2-[[2-(4-

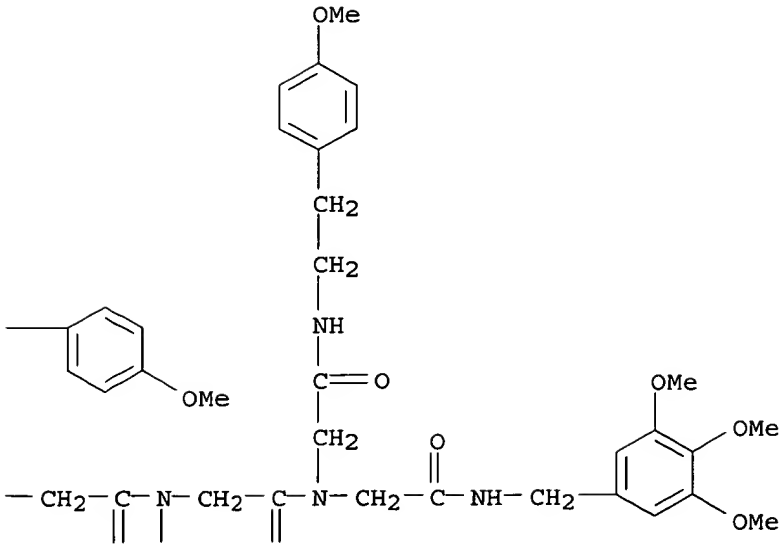
methoxyphenyl)ethyl]amino]-2-oxoethyl]-N-[(3,4,5-trimethoxyphenyl)methyl]-
(9CI)

MF C107 H136 N14 O31

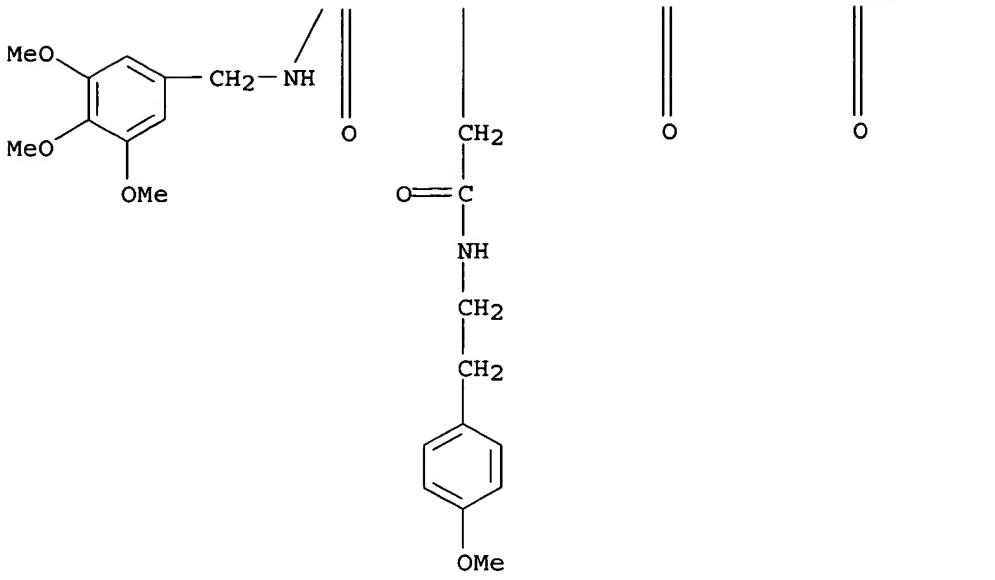
PAGE 1-A



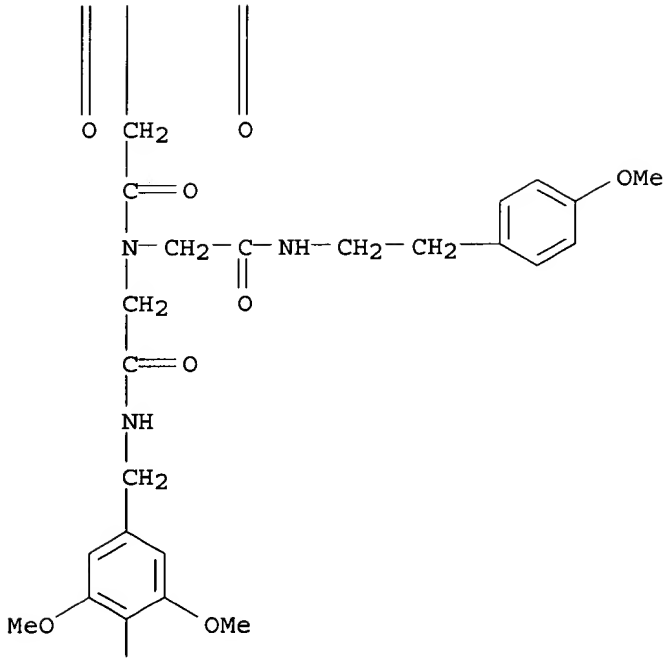
PAGE 1-B



PAGE 2-A



PAGE 2-B



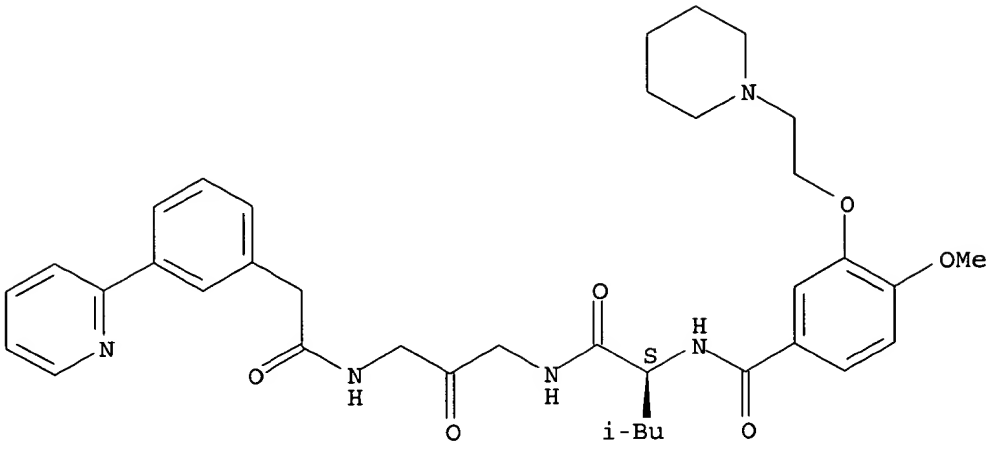
PAGE 3-B

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzeneacetamide, N-[3-[[(2S)-2-[[4-methoxy-3-[2-(1-

piperidinyl)ethoxy]benzoyl]amino]-4-methyl-1-oxopentyl]amino]-2-oxopropyl]-3-(2-pyridinyl)- (9CI)
MF C37 H47 N5 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

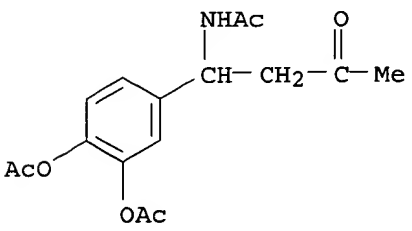
=> s l1 sss full
FULL SEARCH INITIATED 15:06:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7741 TO ITERATE

100.0% PROCESSED 7741 ITERATIONS 81 ANSWERS
SEARCH TIME: 00.00.01

L4 81 SEA SSS FUL L1

=> d scan

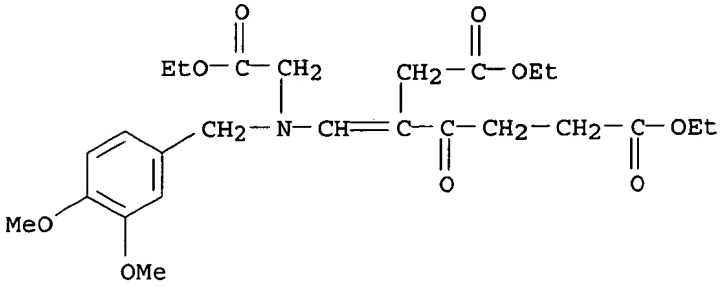
L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Acetamide, N-[1-[[3,4-bis(acetyloxy)phenyl]methyl]-2-oxopropyl]- (9CI)
MF C16 H19 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

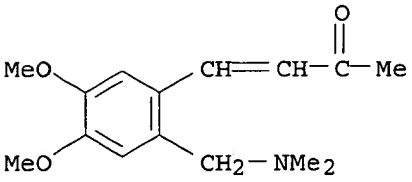
L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Heptanedioic acid, 3-[[[(3,4-dimethoxyphenyl)methyl](2-ethoxy-2-oxoethyl)amino]methylene]-4-oxo-, diethyl ester (9CI)
MF C25 H35 N O9



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

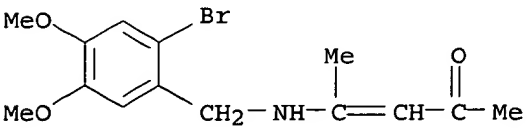
L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 3-Buten-2-one, 4-[2-[(dimethylamino)methyl]-4,5-dimethoxyphenyl]- (9CI)
MF C15 H21 N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

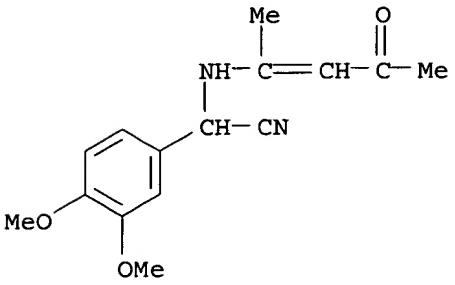
L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 3-Penten-2-one, 4-[[(2-bromo-4,5-dimethoxyphenyl)methyl]amino]- (9CI)
MF C14 H18 Br N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzeneacetonitrile, 3,4-dimethoxy-.alpha.-[(1-methyl-3-oxo-1-butenyl)amino]- (9CI)
MF C15 H18 N2 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	151.75	151.96

FILE 'CAPLUS' ENTERED AT 15:08:26 ON 17 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 17 Mar 2003 VOL 138 ISS 12
FILE LAST UPDATED: 16 Mar 2003 (20030316/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> s l4 and vannillinamide
            45 L4
             0 VANNILLINAMIDE
L5   0 L4 AND VANNILLINAMIDE

=> s l5 and N-acyl
       2546853 N
         90371 ACYL
           229 ACYLS
         90469 ACYL
                (ACYL OR ACYLS)

```
          7921 N-ACYL
                 (N(W)ACYL)
L6           0 L5 AND N-ACYL

=> s l5 and vanil?
         18727 VANIL?
L7           0 L5 AND VANIL?

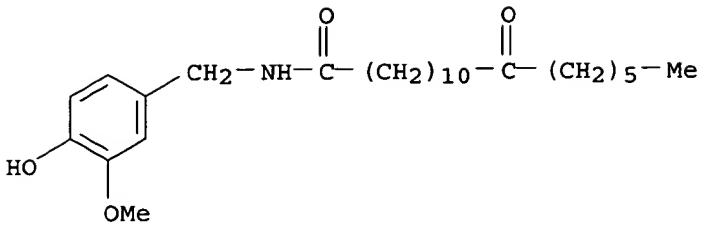
=> s l7 and vanillin?
         11056 VANILLIN?
L8           0 L7 AND VANILLIN?

=> s l5 and vanillinamide
             0 VANILLINAMIDE
L9           0 L5 AND VANILLINAMIDE

=> s l4 and vanil?
            45 L4
         18727 VANIL?
L10          2 L4 AND VANIL?

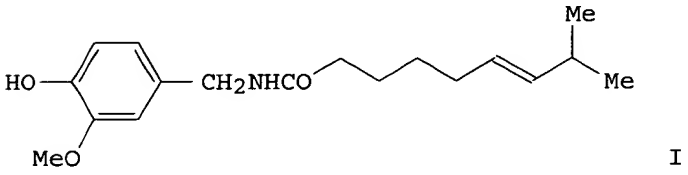
=> dis l10 1-2 bib abs hitstr

L10  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2003 ACS
AN   2002:511742  CAPLUS
DN   137:216814
TI   N-Acylvanillamides: Development of an Expeditious Synthesis and Discovery
     of New Acyl Templates for Powerful Activation of the Vanilloid
     Receptor
AU   Appendino, Giovanni; Minassi, Alberto; Morello, Aniello Schiano; De
     Petrocellis, Luciano; Di Marzo, Vincenzo
CS   Dipartimento di Scienze Chimiche Alimentari, Farmaceutiche e
     Farmacologiche, Novara, 28100, Italy
SO   Journal of Medicinal Chemistry (2002), 45(17), 3739-3745
     CODEN: JMCMAR; ISSN: 0022-2623
PB   American Chemical Society
DT   Journal
LA   English
OS   CASREACT 137:216814
AB   A simple and general synthesis of vanillamides was developed and
     employed to screen acids from the fatty and isoprenoid pools for new acyl
     templates of biol. relevance as capsaicin analogs.  Potent activation of
     the human vanilloid receptor 1 (VR1) was obsd. for the
     vanillamides of certain polyfunctional acids from both pools,
     showing that the vanilloid activity of capsaicinoids can be
     substantially improved by introducing polar groups and/or unsaturations on
     the acyl moiety.  The activity of the unsatd. analogs was maintained or
     even increased by cyclopropanation, while .omega. dimerization led to a
     substantial increase of activity.  Because of the wide structural
     diversity of the library of compds. screened, these observations could not
     be translated into a single framework of structure-activity relationships.
     Nevertheless, a series of new highly active leads was identified,
     validating the pharmacol. potential of the unnatural combination of
     natural building blocks to provide new bioactive compds.
IT   457067-08-2P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
     (Biological study); PREP (Preparation)
        (prepn. of N-acylvanillamines as templates for vanilloid
        receptor activators)
RN   457067-08-2  CAPLUS
CN   Octadecanamide, N-[(4-hydroxy-3-methoxyphenyl)methyl]-12-oxo- (9CI)  (CA
     INDEX NAME)
```



RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

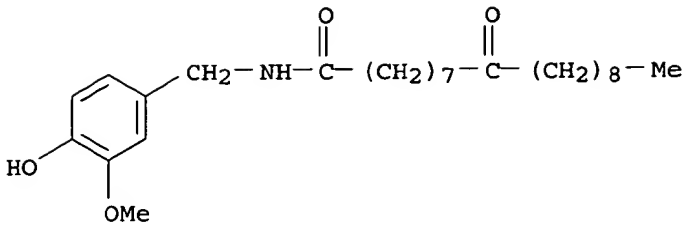
L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
AN 1993:650209 CAPLUS
DN 119:250209
TI **Vanilloids**. 1. Analogs of capsaicin with antinociceptive and antiinflammatory activity
AU Janusz, John M.; Buckwalter, Brian L.; Young, Patricia A.; LaHann, Thomas R.; Farmer, Ralph W.; Kasting, Gerald B.; Loomans, Maurice E.; Kerckaert, Gary A.; Maddin, Cherie S.; et al.
CS Miami Valley Lab., Procter and Gamble Co., Cincinnati, OH, 45239-8707, USA
SO Journal of Medicinal Chemistry (1993), 36(18), 2595-604
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
GI



I

AB As part of a program to establish structure-activity relationships for **vanilloids**, analogs of the pungent principle capsaicin (I), the alkyl chain portion of the parent structure (and related compds. derived from homovanillic acid) was varied. In antinociceptive and antiinflammatory assays (rat and mouse hot plate and croton oil-inflamed mouse ear), compds. with widely varying alkyl chain structures were active. Short-chain compds. were active by systemic administration in the assay mentioned above but they retained the high pungency and acute toxicity characteristic of capsaicin. In contrast, the long chain cis-unsaturates, NE-19550 (**vanillyloleamide**) and NE-28345 (oleylhomovanillamide), were orally active, less pungent, and less acutely toxic than capsaicin. The potential of these compds. as antiinflammatory/analgesic agents is discussed in light of recent data on the mechanism of action of **vanilloids** on sensory nerve fibers.

IT **150988-84-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and antinociceptive and antiinflammatory activity of)
RN 150988-84-4 CAPLUS
CN Octadecanamide, N-[(4-hydroxy-3-methoxyphenyl)methyl]-9-oxo- (9CI) (CA INDEX NAME)


O
O
CH2—NH—C—(CH2)7—C—(CH2)8—Me
HO
OMe